

INTERNATIONAL SEARCH REPORT

Int. Application No.
PCT/EP 03/05182

10/520714

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H05K9/00

Received PTO 07 JAN 2005

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 6 239 359 B1 (LILIENTHAL II PETER FREDERICK ET AL) 29 May 2001 (2001-05-29) column 4, line 62 - column 5, line 9; figure 6 column 5, line 40 - line 54	1,4-6,9 2,3,7,8, 10-13
X A	US 5 717 577 A (DROEGE DAVID R ET AL) 10 February 1998 (1998-02-10) column 3, line 51 - line 59; figures 2A,B	1,2 3-13
A	WO 01 10182 A (ALALFI ASHRAF ;KAPLO JOSEPH J (US); AMESBURY GROUP INC (US)) 8 February 2001 (2001-02-08) page 7, line 1 - line 24	1-13
A	EP 1 061 789 A (NOKIA MOBILE PHONES LTD) 20 December 2000 (2000-12-20) paragraph '0027!; figure 4	1-13

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

11 September 2003

Date of mailing of the international search report

18/09/2003

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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